



**De La Salle  
University**  
College of Computer Studies  
Software Technology Department

## **Rare Global Food Trading Corp.**

### **PROJECT PLAN**

**Team Name**

**Section**

**Team Members**

**Team FONG**

S22

Arceo III, Rodolfo S.

David, Liudger Franco D.

Flores, Jan Patrick L.

Fong, Hillary Ross C.

Lim, Thomas Kendrick V.

Mendoza, Dane T.

Ocampo, Royce Clarenz C.

Sey, Wayenard Y.

Tee, Paulina Grace C.

Valle, Jose Erin J.

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## 1 Product Backlog

*This section lists down all the user stories and the specific tasks to accomplish them.*

User Story #1: The administrative officers can add a new client order.			
Total Estimate (Days): 2 days			Priority: 100
Assigned to: Hillary Fong, Rod Arceo, Wayenard Sey			
Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Hillary Fong
2	Design and create table for order management database	2 hours	Rod Arceo
3	Connect SQL to Java	5 minutes	Rod Arceo
4	Create table in database	30 minutes	Rod Arceo
5	Create the add function	2 hours and 30 minutes	Rod Arceo
6	Add error checkings	2 hours	Rod Arceo
7	Test the system based on acceptance criteria	2 hours and 55 minutes	Wayenard Sey

User Story #2: The administrative officers can view the total number of client orders of each product based on the delivery due date or client name.			
Total Estimate (Days): 2 days			Priority: 100
Assigned to: Hillary Fong, JP Flores, Wayenard Sey			
Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Hillary Fong
2	Connect SQL to Java	5 minutes	JP Flores
3	Create the view function with filter base on the date specified or client name	2 hours and 30 minutes	JP Flores

4	Create function to add the total quantity per product	2 hours and 30 minutes	JP Flores
5	Add error checkings	2 hours	JP Flores
6	Test the system based on acceptance criteria	2 hours and 55 minutes	Wayenard Sey

**User Story #3:** The administrative officers can view all, pending, or delivered client orders.

**Total Estimate (Days):** 2 days

**Priority:** 80

**Assigned to:** Hillary Fong, JP Flores, Wayenard Sey

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Hillary Fong
2	Connect SQL to Java	5 minutes	JP Flores
3	Create the view all, pending, or delivered function	3 hours and 30 minutes	JP Flores
4	Add error checkings	3 hours and 30 minutes	JP Flores
5	Test the system based on acceptance criteria	2 hours and 55 minutes	Wayenard Sey

**User Story #4:** The administrative officers will modify a client order.

**Total Estimate (Days):** 2 days

**Priority:** 100

**Assigned to:** Hillary Fong, Rod Arceo, Wayenard Sey

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Hillary Fong
2	Connect SQL to Java	5 minutes	Rod Arceo

3	Create function to modify values/parameters of client order	4 hours	Rod Arceo
4	Add error checkings	3 hours	Rod Arceo
5	Test the system based on acceptance criteria	2 hours and 55 minutes	Wayenard Sey

**User Story #5:** The administrative officers will delete the cancelled client order to update the database.

**Total Estimate (Days):** 2 days

**Priority:** 60

**Assigned to:** Hillary Fong, JP Flores, Wayenard Sey

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Hillary Fong
2	Connect SQL to Java	5 minutes	JP Flores
3	Create function to delete an order	4 hours	JP Flores
4	Add error checkings	3 hours	JP Flores
5	Test the system based on acceptance criteria	2 hours and 55 minutes	Wayenard Sey

**User Story #6:** The administrative officers will delete all delivered client orders.

**Total Estimate (Days):** 2 days

**Priority:** 60

**Assigned to:** Hillary Fong, JP Flores, Wayenard Sey

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Hillary Fong
2	Connect SQL to Java	5 minutes	JP Flores
3	Create function to delete all delivered orders	4 hours	JP Flores
4	Add error checkings	3 hours	JP Flores

5	Test the system based on acceptance criteria	2 hours and 55 minutes	Wayenard Sey
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**User Story #7:** The administrative officers can mark a client order as delivered.

**Total Estimate (Days):** 1 day

**Priority:** 100

**Assigned to:** Hillary Fong, Franco David, Thomas Lim

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	2 hours	Hillary Fong
2	Connect SQL to Java	5 minutes	Franco David
3	Create function to change the delivery status of a client order	4 hours	Franco David
4	Add error checkings	1 hour	Franco David
5	Test the system based on acceptance criteria	55 minutes	Thomas Lim

**User Story #8:** The administrative officers will add new products to update the product list database.

**Total Estimate (Days):** 2 days

**Priority:** 100

**Assigned to:** Jose Valle, Royce Ocampo, Dane Mendoza

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Jose Valle
2	Design and create table for product list database	2 hours	Royce Ocampo
3	Connect SQL to Java	5 minutes	Royce Ocampo
4	Create function to add a product in the database	2 hours and 30 minutes	Royce Ocampo
5	Add error checkings	2 hours	Royce Ocampo

6	Test the system based on acceptance criteria	2 hours and 55 minutes	Dane Mendoza
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<b>User Story #9:</b> The administrative officers will modify the product details in the product list database.			
<b>Total Estimate (Days):</b> 2 days			<b>Priority:</b> 100
<b>Assigned to:</b> Jose Valle, Royce Ocampo, Dane Mendoza			
Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Jose Valle
2	Connect SQL to Java	5 minutes	Royce Ocampo
3	Create function to modify values/parameters of a product	5 hours	Royce Ocampo
4	Add error checkings	2 hours	Royce Ocampo
5	Test the system based on acceptance criteria	2 hours and 55 minutes	Dane Mendoza

User Story #10: The administrative officers will delete a product from the product list database.			
Total Estimate (Days): 2 days			Priority: 70
Assigned to: Jose Valle, Royce Ocampo, Dane Mendoza			
Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Jose Valle
2	Connect SQL to Java	5 minutes	Royce Ocampo
3	Create function to delete a product from database	4 hours	Royce Ocampo
4	Add error checkings	3 hours	Royce Ocampo

5	Test the system based on acceptance criteria	2 hours and 55 minutes	Dane Mendoza
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**User Story #11:** The administrative officers can search for a product to know its information.

**Total Estimate (Days):** 3 days

**Priority:** 70

**Assigned to:** Jose Valle, Rod Arceo, Dane Mendoza

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	6 hours	Jose Valle
2	Connect SQL to Java	5 minutes	Rod Arceo
3	Create function to search for a product	9 hours	Rod Arceo
4	Create function to display the matching products and their details (product information and inventory status)	3 hours	Rod Arceo
5	Add error checkings	3 hours	Rod Arceo
6	Test the system based on acceptance criteria	2 hours and 55 minutes	Dane Mendoza

**User Story #12:** The administrative officers will view all the products in the product list database.

**Total Estimate (Days):** 1 day

**Priority:** 100

**Assigned to:** Jose Valle, Royce Ocampo, Dane Mendoza

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	4 hours	Jose Valle



2	Connect SQL to Java	5 minutes	Royce Ocampo
3	Create function to view all company's products which are sorted by their types and names	2 hours	Royce Ocampo
4	Add error checkings	1 hour	Royce Ocampo
5	Test the system based on acceptance criteria	55 minutes	Dane Mendoza

**User Story #13:** The administrative officers will add or subtract quantities of product in the inventory if either deposit or withdrawal slip is received to reflect the changes in products in the warehouse.

**Total Estimate (Days):** 2 days

**Priority:** 100

**Assigned to:** Paulina Tee, Franco David, Thomas Lim

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	5 hours	Paulina Tee
2	Connect SQL to Java	5 minutes	Franco David
3	Create function to add entries to the inventory management database	4 hours	Franco David
4	Create function to delete entries to the inventory management database	4 hours	Franco David
5	Add error checkings	2 hours	Franco David
6	Test the system based on acceptance criteria	55 minutes	Thomas Lim

**User Story #14:** The administrative officers will view the history of deposit and withdrawal of the inventory.

**Total Estimate (Days):** 2 days

**Priority:** 100

**Assigned to:** Paulina Tee, Franco David, Thomas Lim

Task #	Task Description	Effort Estimate	Assigned to
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		(hours/days )	
1	Create the GUI of the page	4 hours	Paulina Tee
2	Connect SQL to Java	5 minutes	Franco David
3	Create function to view deposit and withdrawal by product	4 hours and 30 minutes	Franco David
4	Create function to view deposit and withdrawal by date range	4 hours and 30 minutes	Franco David
5	Add error checkings	2 hours	Franco David
6	Test the system based on acceptance criteria	55 minutes	Thomas Lim

**User Story #15:** The administrative officers will modify an inventory entry

**Total Estimate (Days):** 2 days

**Priority:** 60

**Assigned to:** Paulina Tee, Rod Arceo, Thomas Lim

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	4 hours	Paulina Tee
2	Connect SQL to Java	10 minutes	Rod Arceo
3	Create function to edit product in the inventory management database	3 hours	Rod Arceo
4	Create function to edit product quantity in the inventory management database	3 hours	Rod Arceo
5	Create function to edit product status(deposit or withdraw) in the inventory management database	3 hours	Rod Arceo
6	Add error checkings	2 hours	Rod Arceo
7	Test the system based on acceptance criteria	50 minutes	Thomas Lim

**User Story #16:** The administrative officers will delete inventory entries that were placed within a specific date range.

**Total Estimate (Days):** 2 days

**Priority:** 60

**Assigned to:** Paulina Tee, Franco David, Thomas Lim

Task #	Task Description	Effort Estimate (hours/days )	Assigned to
1	Create the GUI of the page	4 hours	Paulina Tee
2	Connect SQL to Java	5 minutes	Franco David
3	Create function to search and display inventory entries by date range	4 hours and 30 minutes	Franco David
4	Create function to delete inventory entries by date range	4 hours and 30 minutes	Franco David
5	Add error checkings	2 hours	Franco David
6	Test the system based on acceptance criteria	55 minutes	Thomas Lim

## 2 Iteration Plan

*This section details how the different user stories are divided and prioritized in iterations.*

User Stories	Iteration 1 Feb 16 - Mar 16	Iteration 2 Mar 23 – Apr 20
1 - Add new client order	√	
2 - View client orders based on due date and client name	√	
3 - View all, pending, delivered client orders	√	
4 - Modify client order		√
5 - Delete single client order		√
6 - Delete all delivered client orders		√
7 - Mark an order as delivered	√	
8 - Add new product	√	
9 - Modify product		√
10 - Delete product		√
11 - Search product		
12 - View product of company	√	
13 - Deposit or withdraw product from inventory		√
14 - Inventory history		
15 - Modify inventory entry		
16 - Delete multiple inventory entry within a date range		